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(12) **United States Design Patent**
Huang

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(54) **HAIR CURLER**

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(**) Term: **15 Years**

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(22) Filed: **Dec. 31, 2019**

(30) **Foreign Application Priority Data**

Nov. 14, 2019 (CN) 201930627554.8

(51) **LOC (13) Cl.** **28-03**

(52) **U.S. Cl.**
USPC **D28/35**

(58) **Field of Classification Search**
USPC D28/35
CPC A45D 2001/004; A45D 2/36-367; A45D 2/02; A45D 2/12; A45D 2/122; A45D 2/38; A45D 2/40; A45D 2/01; A45D 1/28; A45D 1/00; A45D 1/06; A45D 1/14; A45D 1/16; A45D 2001/045; A45D 1/04

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,132,571 B1 * 3/2012 Jackson A45D 1/04 132/211
D743,624 S * 11/2015 Richmond D28/35
9,185,957 B2 * 11/2015 Richmond A45D 2/36
D769,523 S * 10/2016 Fan D28/35
D797,994 S * 9/2017 Yan D28/35
10,537,162 B2 * 1/2020 Yeung A45D 6/02

D876,014 S * 2/2020 Lin D28/35
D876,015 S * 2/2020 Lin D28/35
2005/0268933 A1 * 12/2005 Kimata A45D 2/10 132/238
2015/0114425 A1 * 4/2015 Park A45D 1/04 132/229
2015/0196105 A1 * 7/2015 Leung A45D 1/04 132/228
2019/0328100 A1 * 10/2019 Duan A45D 6/02
2020/0060405 A1 * 2/2020 Wang A45D 1/28

OTHER PUBLICATIONS

World's first automated curling iron, 1 page, reviewed as early as Sep. 1, 2019, www.youtube.com.*

Yitrust Automatic Hair Curler, www.amazon.com, 1 pag, reviewed as early as Jan. 16, 2020.*

* cited by examiner

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(57) **CLAIM**

The ornamental design for a hair curler, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a hair curler showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a left side view thereof;

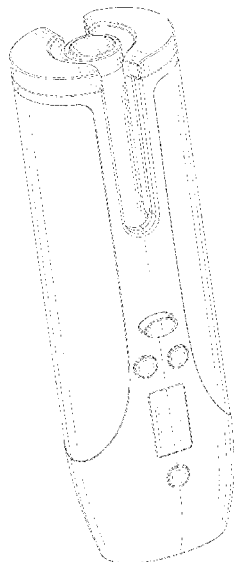
FIG. 6 is a right side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings illustrate portions of the hair curler form no part of the claimed design.

1 Claim, 8 Drawing Sheets



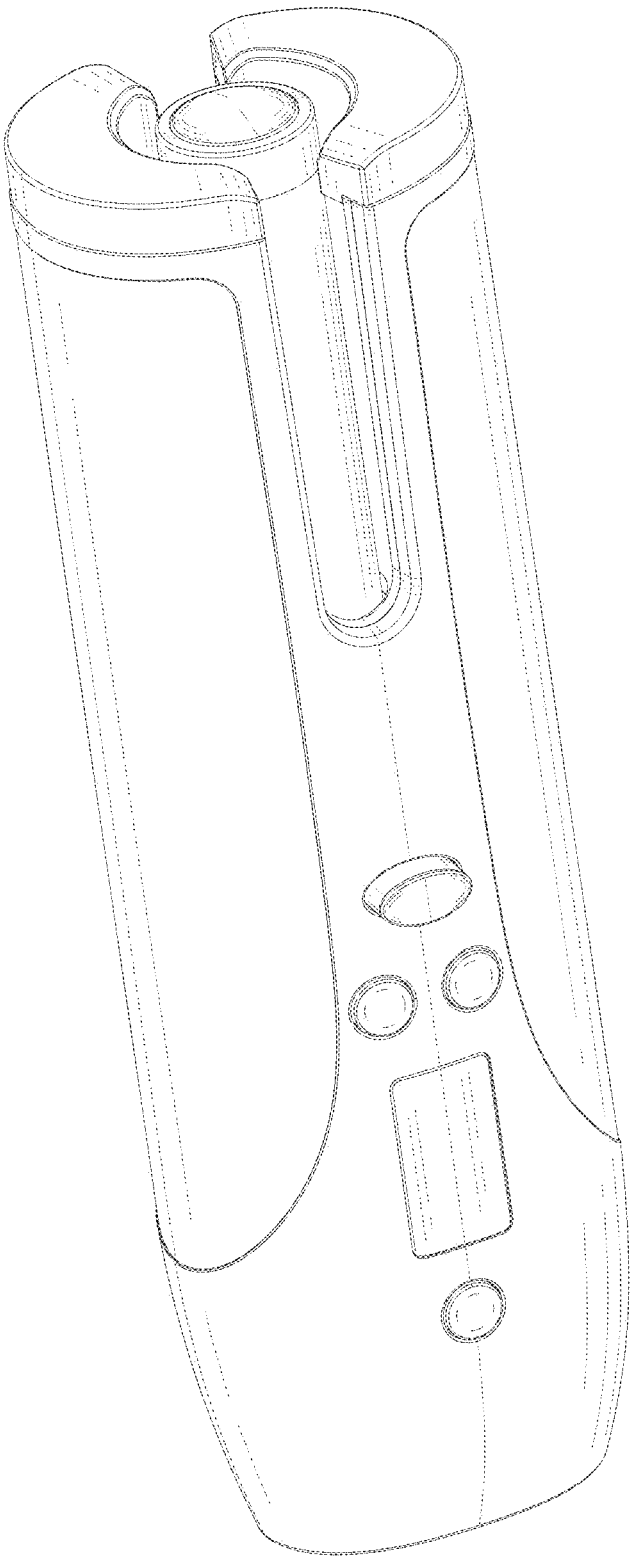


FIG. 1

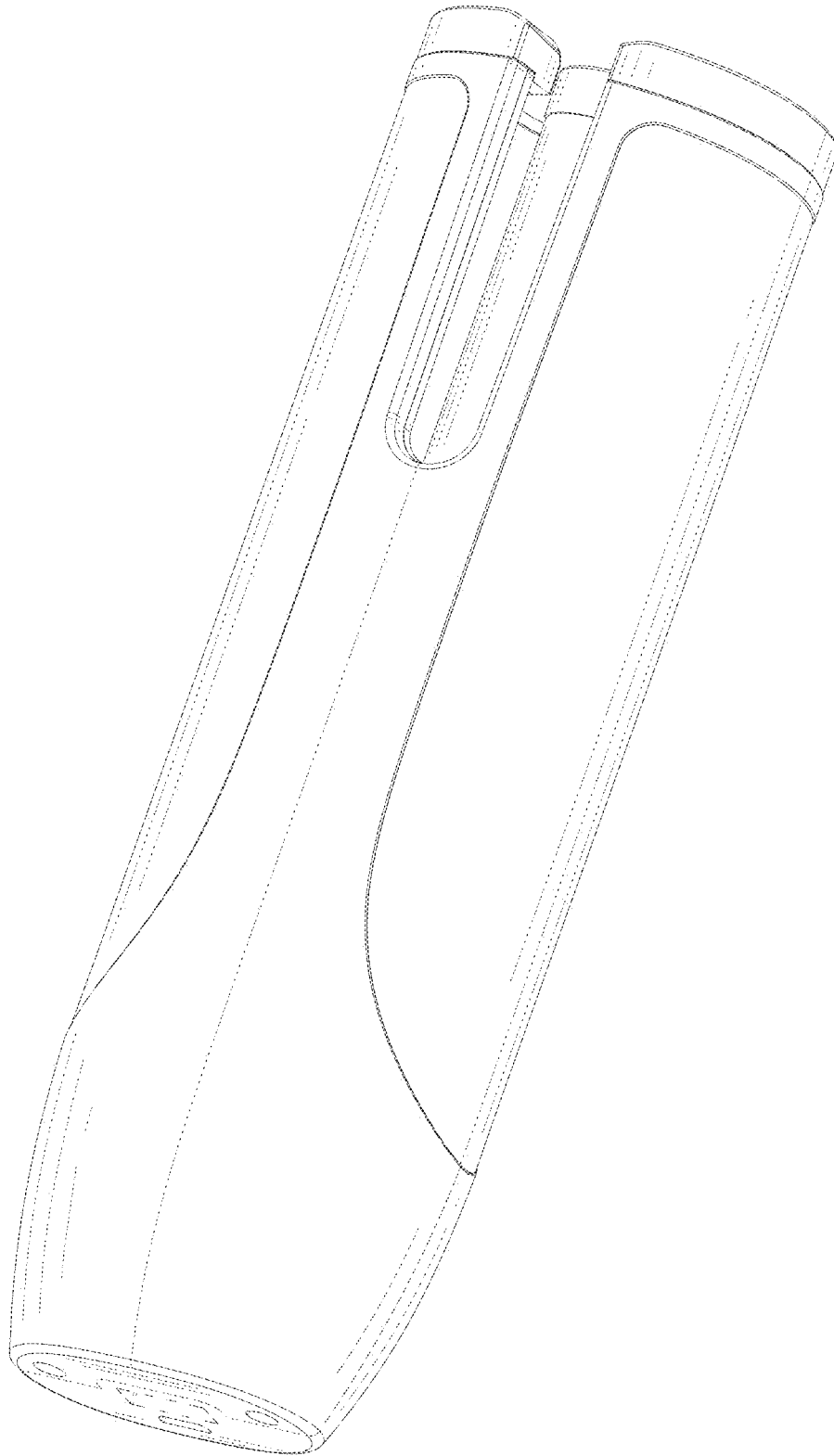


FIG. 2

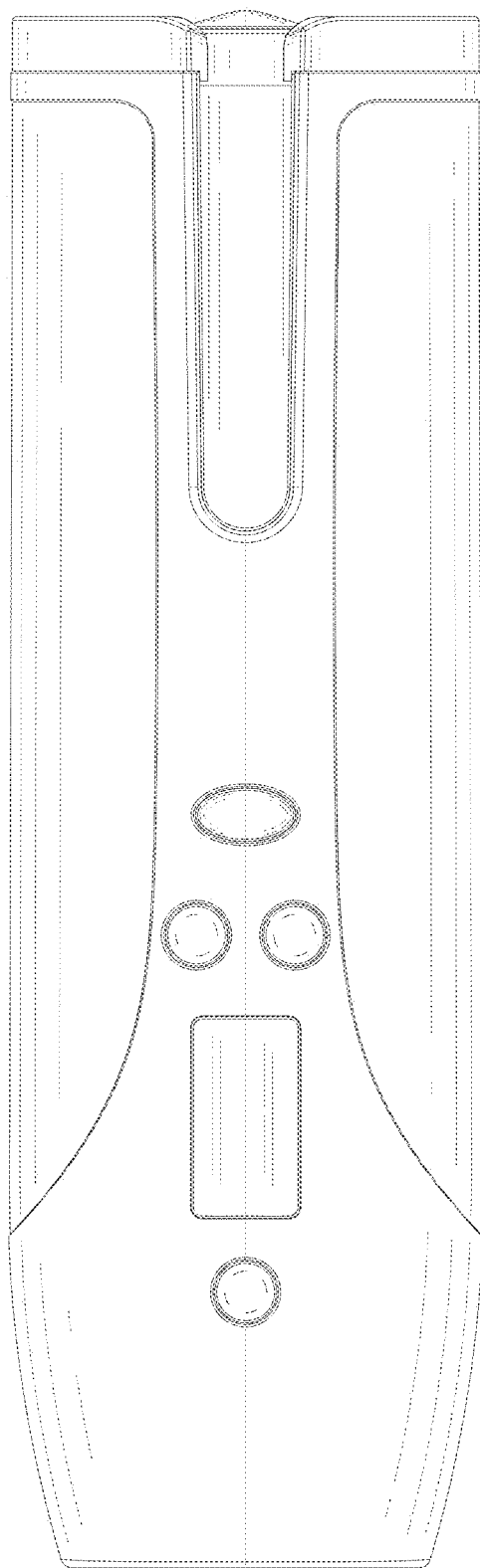


FIG. 3

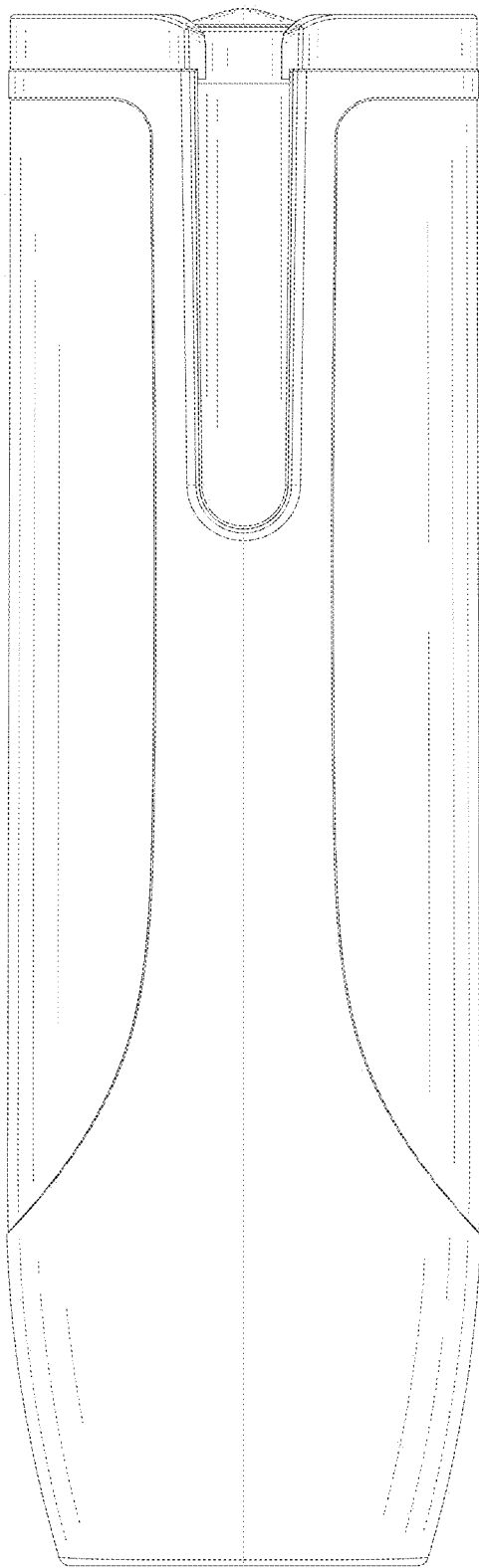


FIG. 4

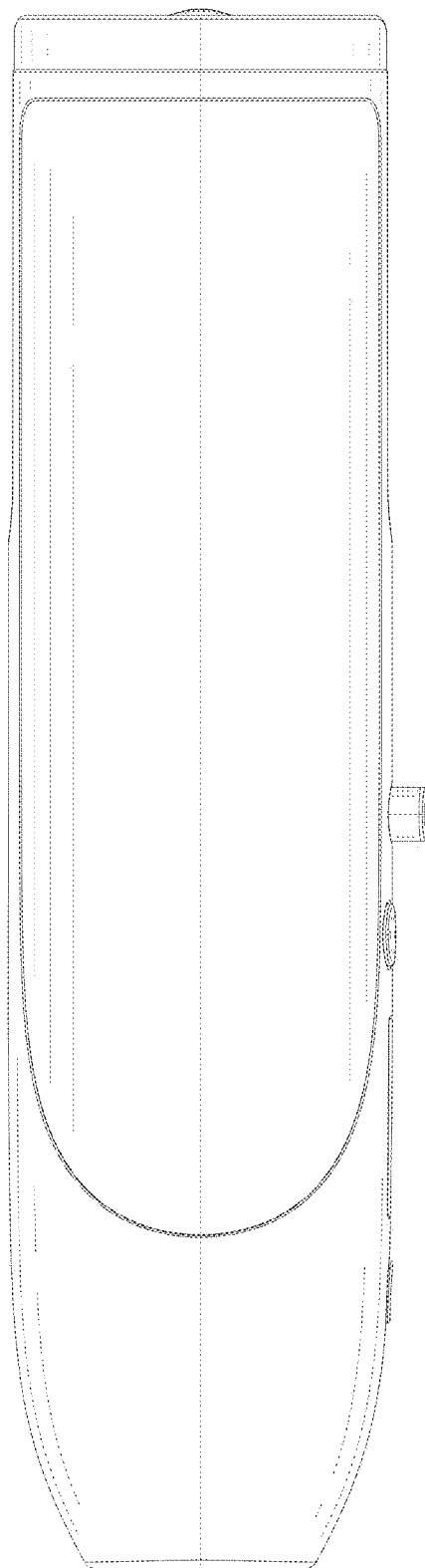


FIG. 5

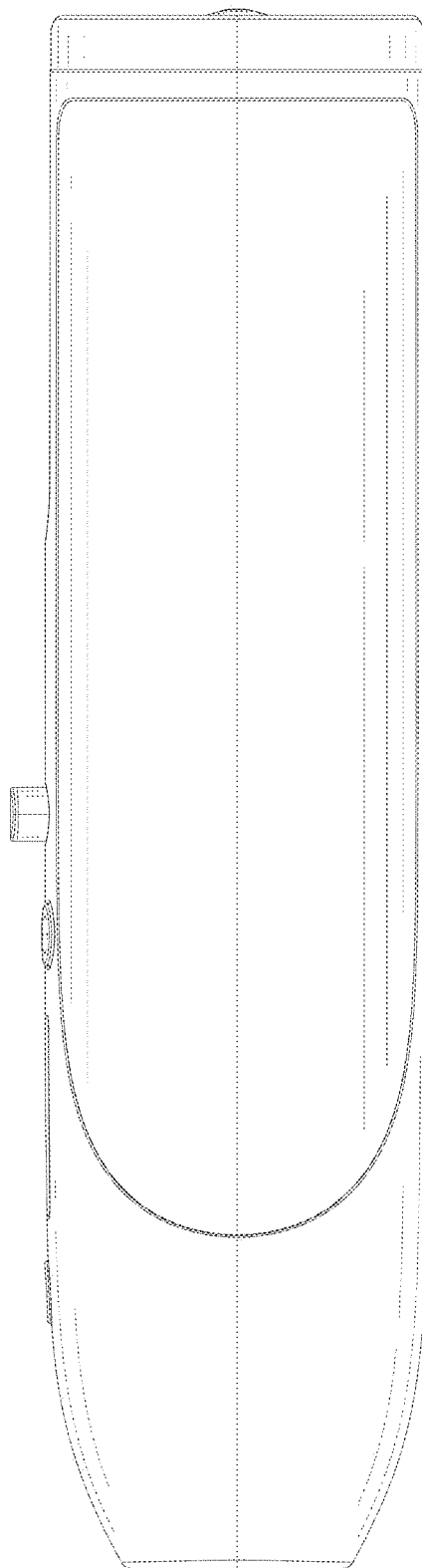


FIG. 6

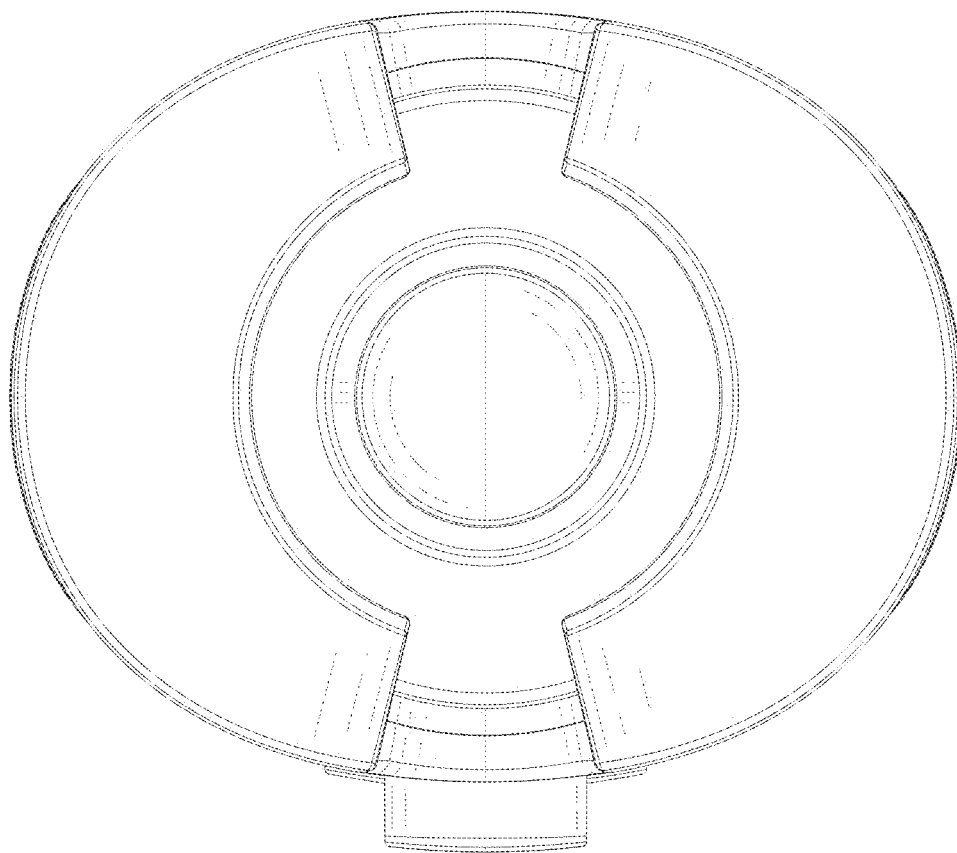


FIG. 7

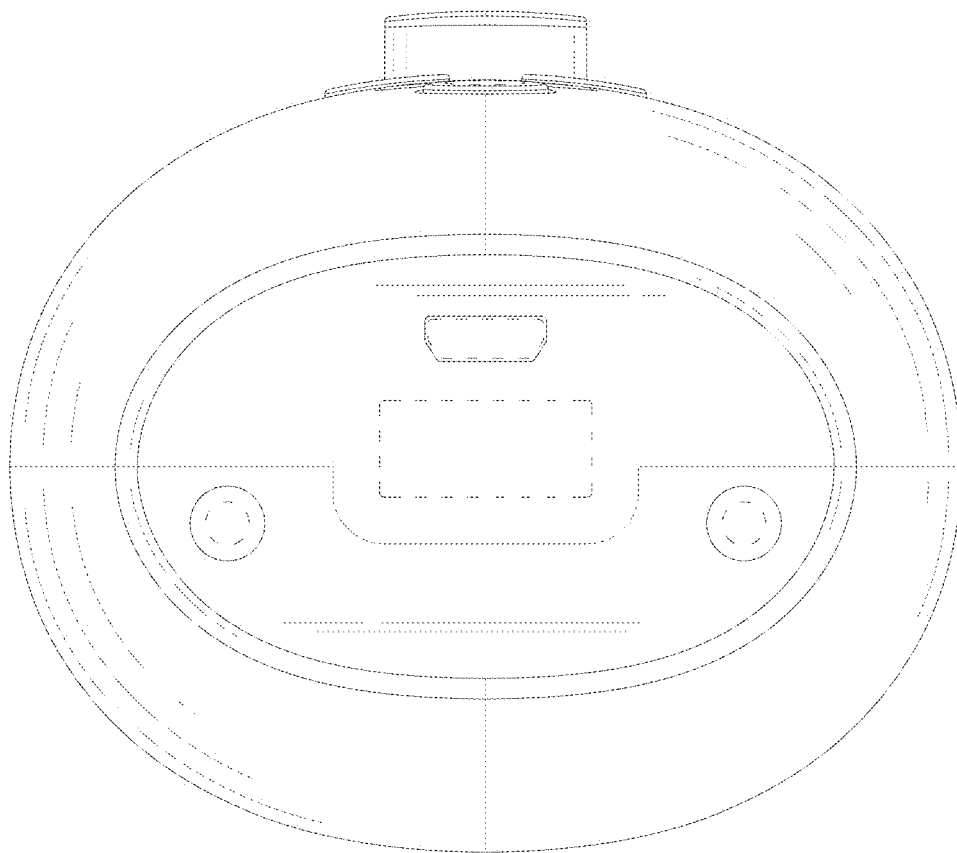


FIG. 8